

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1-42. (Cancelled)

43. (New) An isolated or recombinant nucleic acid molecule that comprises a sialyltransferase polynucleotide sequence that encodes a sialyltransferase polypeptide, wherein the sialyltransferase polypeptide has  $\alpha$ -2,3-sialyltransferase activity, and wherein the sialyltransferase nucleotide sequence is amplified by PCR using a first primer comprising SEQ ID NO:46 and a second primer comprising SEQ ID NO:47.

44. (New) The isolated or recombinant nucleic acid molecule of claim 43; wherein the sialyltransferase polypeptide has  $\alpha$ -2,3-sialyltransferase activity and  $\alpha$ -2,8-sialyltransferase activity.

45. (New) The isolated or recombinant nucleic acid molecule of claim 43; wherein the sialyltransferase polynucleotide sequence is a *Campylobacter* sialyltransferase polynucleotide sequence.

46. (New) The isolated or recombinant nucleic acid molecule of claim 43; wherein the sialyltransferase polypeptide further comprises a tag for purification.

47. (New) An expression cassette that comprises the nucleic acid molecule of claim 43.

48. (New) An expression vector that comprises the expression cassette of claim 47.

49. (New) A host cell that comprises the expression vector of claim 48.